

Ambulatory Surgical Centers Need Methodology

The following projections were made based on the 2017 Annual Certificate of Need Reports of Ambulatory Surgical Centers and Hospitals data using Montana Department of Commerce Census & Economic Information Center population projections.

Effective Date June 2018

| Region | 2017 population | 2017 Hospital Inpatient Surgeries | 2017 Hospital Outpatient Surgeries | 2017 ASC Surgeries | 2017 Total Surgeries | *2017 Surgery Rate | 2020 Projected Population | **2020 Projected Total Surgeries | ***2020 Projected Outpatient Surgeries | ^Future Hours Needed | ^^Future Suites Needed |
|--------------------|------------------|-----------------------------------|------------------------------------|--------------------|----------------------|--------------------|---------------------------|----------------------------------|--|----------------------|------------------------|
| 1 | 86,001 | 704 | 3,852 | 809 | 5,365 | 62 | 89,156 | 5,562 | 4,171 | 6,257 | 4 |
| 2 | 146,451 | 3,936 | 7,943 | 4,880 | 16,759 | 114 | 149,197 | 17,073 | 12,805 | 19,207 | 12 |
| 3 | 216,618 | 9,562 | 14,560 | 18,800 | 42,922 | 198 | 221,468 | 43,883 | 32,912 | 49,368 | 30 |
| 4 | 271,889 | 4,743 | 14,164 | 14,051 | 32,958 | 121 | 278,515 | 33,761 | 25,321 | 37,981 | 23 |
| 5 | 314,673 | 12,167 | 33,123 | 27,704 | 72,994 | 232 | 321,996 | 74,693 | 56,020 | 84,029 | 50 |
| State Total | 1,035,632 | 31,112 | 73,642 | 66,244 | 170,998 | 165 | 1,060,332 | 175,076 | 131,307 | 196,961 | 118 |

*surgery rate (per 1000 population) = (total surgeries performed/2017 population) x 1000

**projected total surgeries = surgery rate x (projected 2020 population/1000)

***projected outpatient surgeries = projected total surgeries x .75 hours

^ future hours needed = projected OP surgeries x 1.5 hours

^^future suites needed = future hours needed/1664 (operating suite capacity is 1664 = 80% utilization x 40 hours x 52 weeks)

Future suites needed includes both hospital-based and freestanding services.